

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

9

CALTRANS DISTRICT

8

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 9

San Diego Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 8
464 West Fourth Street – 6th Floor
San Bernardino, California 92401-1400

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
San Diego Region 9
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 8

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Anne Mayer, District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department District will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO

Regional Work Plans

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 8 fall within the jurisdiction of the San Diego Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the San Diego Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

TABLE 2-1: THE DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Scott Neff	Engineering Services Storm Water Coordinator	(909) 383-6483	Scott_Neff@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
Phillip Reynolds	Project Management Storm Water Coordinator	(909) 383-4960	Phillip_Reynolds@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Chung-Yuan Wen	Operations Storm Water Coordinator	(909) 383-7549	Chung-Yuan_Wen@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Vacant	Resource Management Storm Water Coordinator	Vacant	Vacant	Primary contact for Resource Management-related storm water issues.

SECTION TWO

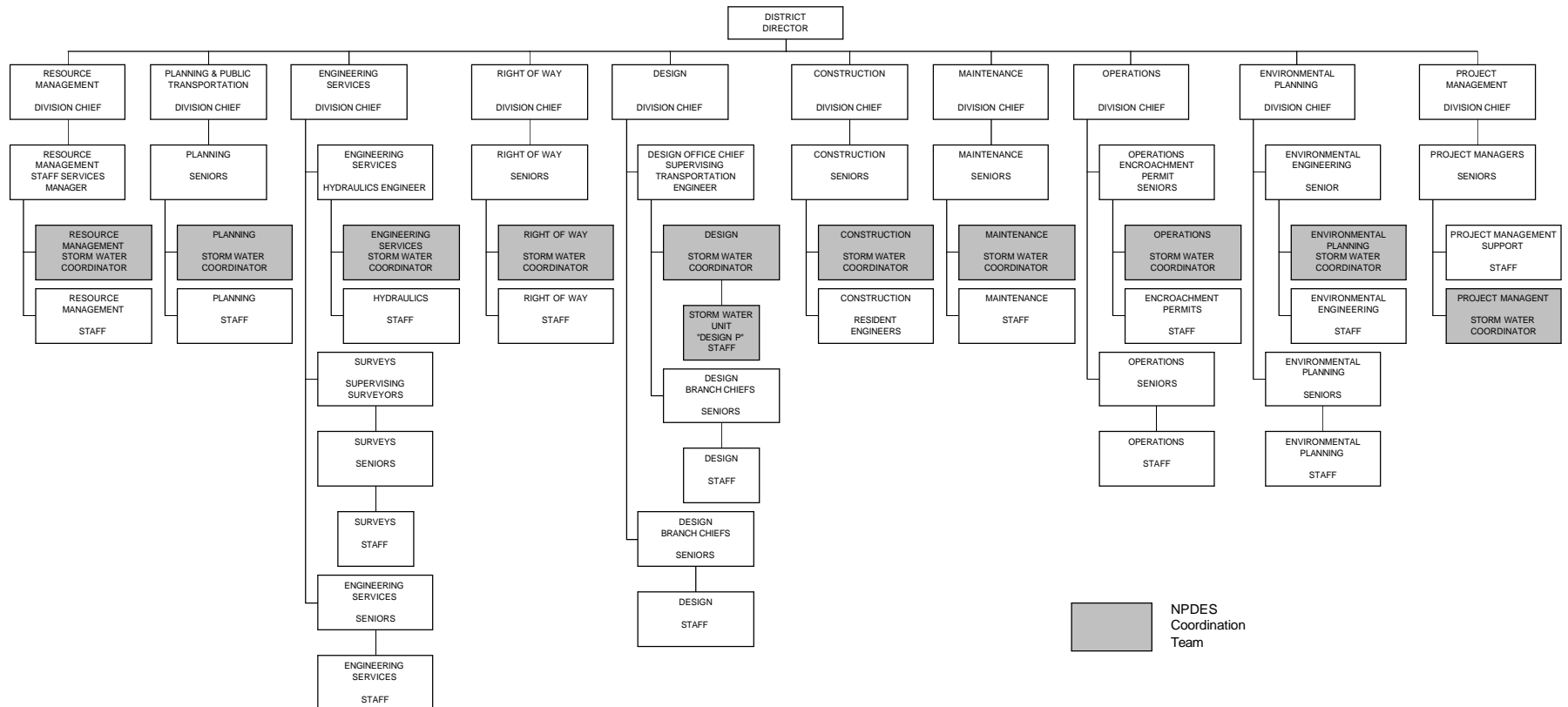
Regional Work Plans

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	All District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC
Maintenance Senior Env Planner	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports

Figure 2-1: Organizational Structure of District 8 Storm Water Program



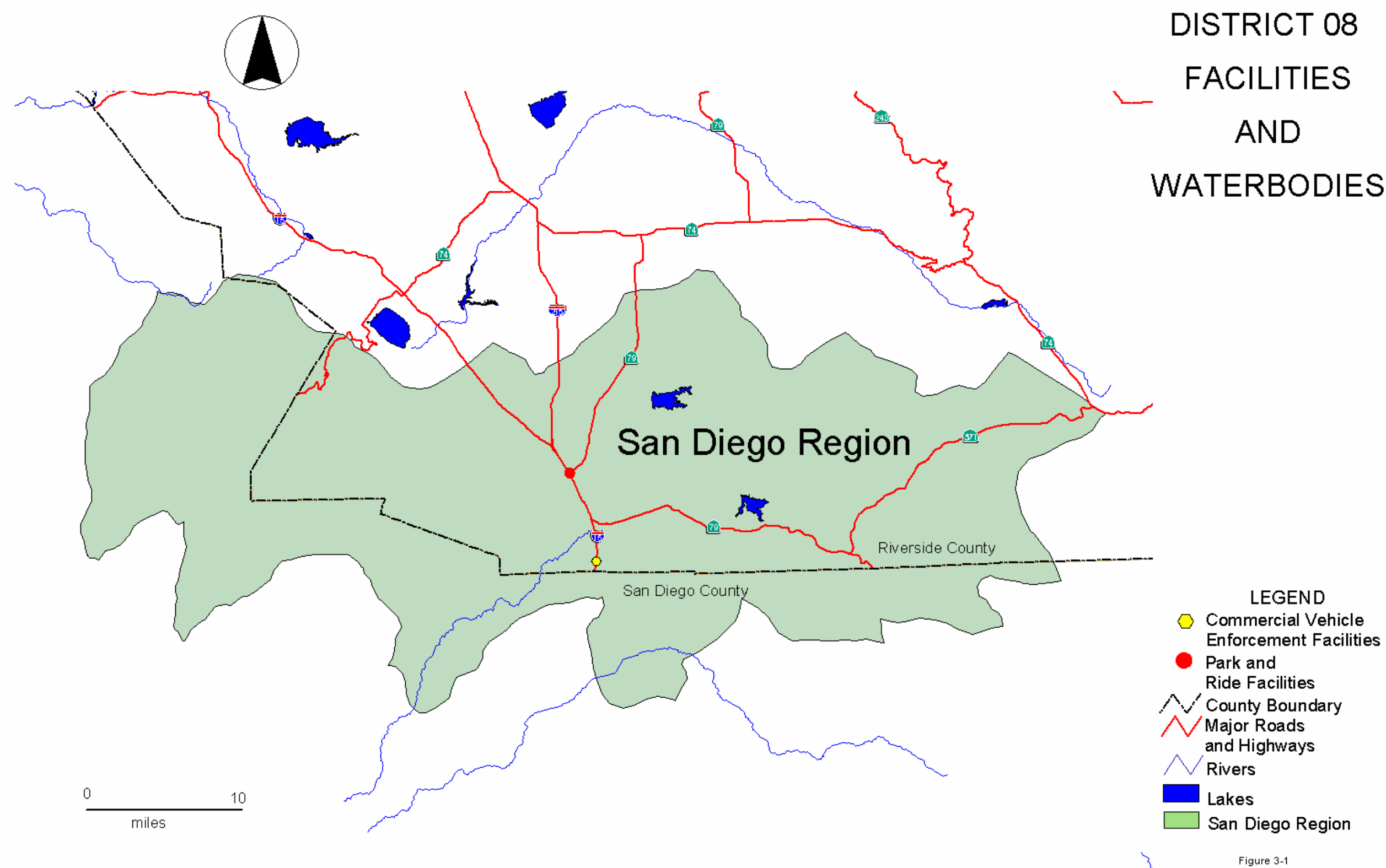
3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the San Diego Regional Water Quality Control Board], and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
None				
Vista Points				
None				
Commercial Vehicle Enforcement Facilities				
RIV	15	R0.7	Rainbow NB	
Roadside Rest Areas				
None				
Park and Ride Facilities				
RIV	15	6.6	Rancho California	
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>



4.0 HIGH RISK AREAS

A list of high risk areas within District 8 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April 2002.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Affected	Bodies	Criteria*	Land Disturbance Acreage	Anticipated Schedule	Project	Development	Construction Period	
											Project Scoping (PID)	Project (PA&ED)	Dev. Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1		38350	RIV	074	62.9-63	REPLACE BRIDGE			SWPPP	2.4 ACRE	9/1/1999	4/1/2004	8/1/2005	2/1/2006	12/1/2006
2		474400							SWPPP	5 Hec		1/1/03	5/1/05	2/1/06	8/1/07
3	B	32780	RIV	215	12.3-12.8	RECONSTRUCT IC	None		SWPPP	53.0	4/12/2000	10/1/2001			
4	D1a	43280	RIV	215	10.7	RECONSTRUCT INTERCHANGE	None		SWPPP	16.6	10/23/1997	10/23/1997	7/1/2002	6/1/2003	7/1/2004
5	A	45020	RIV	079	7-7.1	BRIDGE SCOUR MITIGATION	Temecula Creek		401	0.124	11/4/1999	9/1/2002	4/1/2003	10/1/2003	4/1/2004
6	B	46460	RIV	079	10.9-15.8	WIDEN TO 4-LANE EXPRESSWAY/HIGH WAY	Range Creek San Diego Aqdt.		SWPPP, 401	30	8/26/1991	7/1/2001	3/1/2003	3/1/2004	6/1/2005
7	C1b	49530	RIV	015	7.8	REHABILITATE EXISTING CHECK DAM	Warm Spring Creek		401		10/20/1999	11/6/2000	6/8/2001	8/15/02	12/1/02

* Criteria

Department
Work Plans
April 1, 2002

SECTION FIVE

SWPPP = Greater than 5 acres of land disturbance
303d = 303 (d) listed water body within project limits and affected by project
401 = 401 Certification/Waiver required
SEP = Supplemental Environmental Project
Retro = Storm Water Retrofit Project (SWMP 4.4.2)
LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR = Project limits within High Risk Area
RB = RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
NONE							
Maintenance Facility and Activity Inspections							
For the year 2002-03 Beechers Corners, Burnt Mill, Essex, Hemet, Blythe, Keen Camp Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
Magana / Ortega Maintenance Facility is getting a new material storage building for Special Crews							
Maintenance BMP Actions/Modifications							
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.							
Improve BMPs at Vactor sites							
Improve BMP's at Material Storage areas.							
Vegetation Management and Vegetated Slope Management							
The District 8 Vegetation Control Plan (VCP) for FY 2002/03 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetated Slope Evaluation					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and the Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits "rate" the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Design Staff upon completion of the latest revision of the Project Planning and Design Guide
2. Training is an on going process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affair Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Roadeo, open houses, Route 66 Rendezvous, etc.
3. Training is an on going process for the Construction Division. All construction field office personnel have been through a 6 hr class, "Storm Water Control on Construction Projects " /#G0C017. All construction field office Seniors and Resident Engineers are also to attained a "Storm Water Control on Construction Projects Management" this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on Non-point Source storm water pollution using the District's Enviroscope watershed model. Hand-outs describing the Department' Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscope watershed model as part of the District's "Bring your Child to Work Day". The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
District Storm Water Unit staff will participate in monthly coordination meetings of the Riverside County/Murietta Creek MS4 Co-Permitees

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

9

CALTRANS DISTRICT

11

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

REGION 9

San Diego Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 11
2829 Juan St
San Diego, California 92186

April 1, 2002

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
San Diego Region 9
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 11

Charles "Muggs" Stoll	Deputy District Director- Environmental
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Allan Kosup	Deputy District Director- Engineering A
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William Valle	Deputy District Director- Engineering B
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Richard A Hopkins	Deputy District Director- Design
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Jim D Linthicum	Deputy District Director- Construction
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Mike McManus	Deputy District Director- Maintenance
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**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
San Diego Region 9
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation Districts 11

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PEDRO ORSO-DELGADO
District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plan (RWP) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 02-03 as required by the The Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

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- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Districts 11 fall within the jurisdiction of the San Diego Regional Water Quality Control Board. Organization charts for District 11 are included in Figure 2.1, District 11 NPDES Team Organizational Chart. Staff responsible for implementing the SWMP in the San Diego Regional Water Quality Control Board include NPDES Program Manager, Cory Binns, District NPDES Coordinator, Sayra Ramos, and other responsible staff as appropriate. A list of the key contacts is provided in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

Staff	Title	Phone Number	E-Mail Address
Cory Binns	Program Manager	(619) 688-3626	Cory_Binns@dot.ca.gov
Sayra Ramos	District NPDES Coordinator	(619) 688-6430	Sayra_Ramos@dot.ca.gov
Dave Stebbins	District Design Storm Water Coordinator	(858)688-6676	David_Stebbins@dot.ca.gov
Michael Kolbensschlag	District Construction Storm Water Coordinator	(858)467-4080	Michael_Kolbensschlag@dot.ca.gov
Barbara Ronimus	District Maintenance Storm Water Coordinator	(619) 688-3325	Barbara_Ronimus@dot.ca.gov

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
NPDES Program Manager	All District Documents with except of Regional Work Plan (RWP)
District NPDES Coordinator	Notification of Construction (NOC)
	Notice of Completion of Construction (NOCC)
	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
	Notice and Report of Non-Compliance
Construction Storm Water Coordinator	Notice and Report of Non-Compliance for Construction Projects
Maintenance Storm Water Coordinator	Notice and Report of Non-Compliance for Maintenance Activities

NPDES TEAM ORGANIZATIONAL CHART

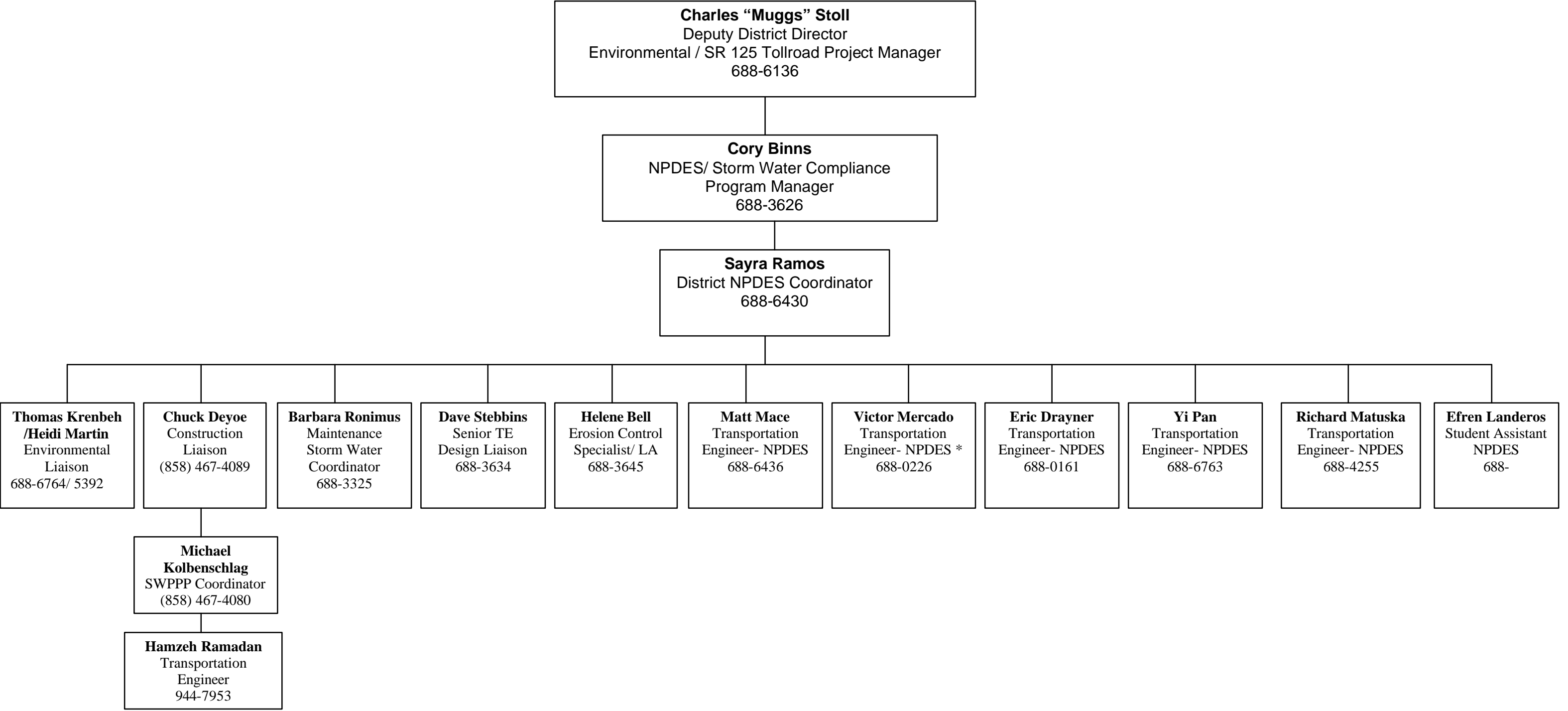


Figure 2-1

* Rotation (6-12 months)

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing District 11 boundaries within the San Diego Regional Board and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 11 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
MAINTENANCE STATIONS				
SD	5	9.1	Chula Vista	Highway Maintenance
SD	5	20.1	Pacific Hwy	Landscape Maintenance
SD	5	47	Carlsbad	Highway Maintenance
SD	8	4.4	Camino Del Rio	Landscape Maintenance
SD	8	38	Descanso	Highway Maintenance
SD	15	12.5	Chollas	Structural Bridge Operations
SD	52	0	Santee	Highway Maintenance
SD	75	20.3	Coronado Toll Bridge	Highway Maintenance
SD	78	16	Escondido	Highway Maintenance
SD	79	28.3	Lake Henshaw	Highway Maintenance
SD	805	12.3	Imperial	Landscape Maintenance
SD	805	21.8	Kearny Mesa	Highway Maintenance
SD	905	3.8	Otay	Landscape Maintenance
COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
SD	5	R67.1	San Onofre	NB
SD	5	R67.4	San Onofre	SB
SD	15	53.5	Rainbow	Southbound (SB)
SD	905	12	Otay Mesa	Northbound (NB)
VISTA POINTS				
SD	5	39.1	Manchester	Vista Point
SD	5	63.7	Las Flores	Vista Point
SD	8	35.5	Viejas Grade	Vista Point
PARK AND RIDE FACILITIES				
SD	5	39.8	Birmingham	NE corner Birmingham Dr in Cardiff
SD	5	26.8	Gilman Dr	SW corner Gilman Dr IC
SD	5	32.9	Carmel Valley	SW corner Carmel Valley Rd
SD	5	44-45	La Costa	NE, 710 La Costa Ave.
SD	8	9.7	La Mesa	SE corner Alvarado Rd & 70th St
SD	8	12.7	Fuerte Dr	SW corner I-8 & Fuerte Dr
SD	8	14.2	Murray	S side Murray Dr abutting Route 8
SD	8	20.1	Camino Canada	SE corner Camino Canada in Glenview
SD	8	21.8	Lake Jennings	NE corner Lake Jennings Park Rd
SD	8	37.8	Japatul Valley	NW corner Japatul Valley Rd
SD	8	11-12	Severin-Bancroft	SW, 5480 Bancroft Dr

SECTION THREE

Regional Work Plans

PARK AND RIDE FACILITIES CONTINUED				
CO	RTE	PM	NAME	DESCRIPTION
SD	8	12-13	Severin-Murray	NE, 9307 Murray Dr
SD	8	17-18	E. Main- Madison	NE, 1470 East Madison
SD	8	0.99	Taylor	SW, 4300 Taylor St.
SD	8	21.7	Los Coches	SE, 13702 Camino Canada
SD	8	8.7	70th Alvarado	SE, 7100 Alvarado
SD	15	15.8	Mira Mesa	NW, 4929 Mira Mesa
SD	15	15.8	Mira Mesa	NW corner Mira Mesa IC
SD	15	18.2	Community Rd	SW of Community & Twin Peaks Rd
SD	15	18.2	Penasquitos	SW corner Rancho Penasquitos Blvd
SD	15	21.2	Elephant Bar	West Bernardo Dr
SD	15	32.9	El Norte Pkwy	SE corner El Norte Pkwy IC
SD	15	15-16	Black Mtn	Black Mtn at Hillery Dr
SD	15	18-19	Poway-Sabre Springs	NW 12668 Sabre Spring Blvd (mall)
SD	15	23.5	Rancho Bernardo	NW, Rancho Bernardo Rd
SD	15	36.5	Deer Springs Rd	Deer Springs Rd at Serendipity Lane
SD	15	39.3	Mt. Meadows Rd	Mt. Meadows Rd at Champagne Blvd
SD	15	40.8	Gopher Canyon Rd	Gopher Canyon Rd/Champagne Blvd
SD	15	26.7	Via Rancho Pkwy	North County Fair
SD	52	13-14	Mission Gorge/Big Rock Dr	SE, Santee
SD	54	2.5	Jamacha Blvd	S side Jamacha Blvd near Sweetwater
SD	54	15	Washington Ave	S side near Jamacha Rd
SD	54	16	Madison in El Cajon	N side near Main St
SD	56	0.7	Rancho Carmel	NE, 10155 Rancho Carmel Dr.
SD	56	0.3	Ted Williams Pkwy	Ted Williams Pkwy/Sabre Springs Pkwy
SD	67	3.9	Riverford Dr.	NE, 11575 Woodside Ave
SD	67	5.5	Mapleview	NE, 12522 Mapleview
SD	76	17.3	Hwy 76 - I-15	NW
SD	76	2-3	Mission Ave/Frontier Dr	SE, Oceanside
SD	78	3.3	College (South)	SE, 3700 Haymer
SD	78	6.9	Sunset	SW, 501 Seaview Place
SD	78	3-4	Hwy 78-College(North)	NW
SD	78	5.9	Broadway	SW, 871 North Broadway
SD	94	12.8	Sweetwater Springs	NE, 3642 Agua Dulce
SD	94	8-9	Lemon Grove High	SW, 7675 High St.
SD	125	13-14	Bancroft-Grossmont	SW, 5230 Bancroft Dr
SD	805	8.6	Sweetwater	SE, 2300 Sweetwater Rd
SD	805	24.4	Governor	NW, 5196 Governor Dr
SD	805	26.9	Mira Mesa	NE
SAFETY ROADSIDE REST AREAS				
SD	5	R59.4/R6	Aliso Creek	5.8 mi. N of Oceanside; NB & SB
SD	8	R49	Buckman Springs	3.3 mi. E of Pine Valley
TOLL ROAD AND TOLL BRIDGE PLAZAS				
SD	75	20.284	San Diego/Coronado	San Diego – Coronado Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 11 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREA

Road Segment/ Facility	County	High Risk Area	Description
I-15	SD	Lake Hodges	Water supply reservoir for City of San Diego

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	17282	SD	56	2.1 - 6.3	CONST 4-LANE FWY	Penasquitos Creek	SWPPP 303d	169.40			1/16/02	7/31/02	12/2/04
2	B	23260	SD	15	13.1M - 16.8M	CONST ADDED LANES		SWPPP		9/23/98	1/4/02	3/25/02	12/2/02	1/3/07
3	B	23910	SD	5506	-	CONSTRUCT DISTRICT OFFICE BUILDING	San Diego Bay	SWPPP			10/2/01	8/8/02	4/20/03	8/18/05
4	B	07860	SD	5	8.6 - 10.0R	REPLACE PLANTING		SWPPP		9/15/99	5/31/02	2/20/03	8/10/03	2/1/08
5	B	06481	SD	15	18.8M - 28.1M	CONSTRUCT MANAGED LANES (STAGE 1)		SWPPP 401		9/23/98		3/26/03	12/28/03	12/31/09
6	B	06484	SD	15	18.8M - 28.1M	NOISE MITIGATION FOR HOV/MANAGED		SWPPP 401		9/23/98		10/5/03	6/16/04	7/6/07
7	B	00320	SD	78	1.5 - 3.3	CONST TRUCK CLIMBING LANE		SWPPP			1/1/03	1/27/04	6/18/04	2/18/06
8	B	06510	SD	5	34.8R - 35.7R	CONST AUXILIARY LANE N/B		401		10/9/97	9/15/02	1/8/04	6/24/04	12/21/04
9	B	06500	SD	5	29.5R - 30.1R	CONST AUXILIARY LANE S/B	Los Penasquitos lagoon	303d			2/11/03	7/13/04	10/31/04	8/27/05
10	B	06380	SD	8	17.4 - 18.7R	CONST AUXILIARY LANE-E/B & REPLACE		SWPPP		10/10/97	1/11/03	10/20/04	5/29/05	3/19/08
11	B	06670	SD	5	10.0R - 10.7R	CONSTRUCT AUXILIARY LANE		401		12/30/98	7/7/03	4/7/05	11/7/05	12/9/06

SECTION FIVE

Regional Work Plans

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
12	B	09316	SD	905	5.7 - 12	CONST 6-LANE FWY		401			4/15/03	8/22/05	5/22/06	1/11/09
13	B	14665	SD	94	10 - 11.8R	OUTSIDE LANE WIDENING/CONST FWY		SWPPP		10/18/01	9/22/05	8/4/06	5/8/07	11/28/10
14	B	05630	SD	11	0 - 2.7	CONSTRUCT 4-LANE FREEWAY	Otay River	401		9/28/00	6/26/05	8/23/06	6/19/07	12/5/09
15	B	08030	SD	94	0 - 10.3	SR 94 CAPACITY ENHANCEMENT PROJECT		401			10/14/07	7/14/08	4/13/09	8/30/13
16	B	23580	SD	5	34.1R - 54.6R	CONST HOV/GENERAL PURPOSE/AUX LANES		401		1/31/00	6/4/07	12/2/09	2/7/13	2/8/15
17	B	06480	SD	15	10.7R - 31.8R	CONST MANAGED LANES		swppp 401		9/23/98	10/15/02			
18	B	24540	SD	5	13.8R - 14.3R	UPGRADE PLANTING/MURAL	San Diego Bay	303d			4/30/02	12/21/02		6/4/05
19	B	24910	SD	54	0 - 1.9	UPGRADE PLANTING	Sweetwater River	SWPPP			11/15/02	6/28/03		12/10/05
20	C	06520	SD	5	24.1R - 25.8R	CONST AUXILIARY LANE	Mission Bay	SWPPP 303d	7.40		3/14/00	3/17/00	8/8/00	6/30/04
21	C	2379U	SD	15	2.3 - 06.1R	INSTALL TRANSPORTATION SYSTEMS	Chollas Creek and San Diego River	303d	3.00		8/26/99	4/28/00	12/26/00	8/31/02
22	C	07241	SD	15	12.1M - 19.5M	INSTALL FIBER OPTIC CLOSED CIRCUIT	Penasquitos Creek	SWPPP 303d	10.00		1/30/01	5/18/01	10/18/01	10/17/05
23	C	0301U	SD	5	28.3R - 37.0R	WIDEN FREEWAY AND BRIDGES	Los Penasquitos Lagoon	SWPPP 303d 404	153.00			5/10/01	3/18/02	3/19/07

SECTION FIVE

Regional Work Plans

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
24	C	01140	SD	125	11.2 - 12.1	REPLCE PLANTNG PORTION OF ESA	Sweetwater River	SWPPP	22.00	6/30/98	10/30/98	11/28/01	5/13/02	3/8/06
25	C	17641	SD	94	17 - 19.7	REPLACE PLANTING PORTION OF	Sweetwater River	SWPPP	11.30	1/3/01	6/27/01	2/8/02	7/24/02	7/24/06
26	C	07080	SD	15	06.5R - 10.8R	REPLACE PLANTING		SWPPP	7.40		9/28/01	2/16/02	8/15/02	8/15/03
27	C	07580	SD	5	20.2R - 24.1R	CONST MEDIAN BARRIER		SWPPP		8/31/99	6/18/01	2/9/02	9/12/02	7/8/04
28	C	16573	SD	78	72.9 -	BRIDGE WIDENING & RAIL UPGRADES		401		10/7/97	12/22/00	6/23/02	12/20/02	12/10/03
29	C	23261	SD	15	17.5M - 18.0M	CONST AUXILIARY LANE (S/B)		401		9/23/98		1/6/03	9/15/03	4/6/08
30	C	01061	SD	52	14.7 - 16.3	CONST 4-LANE FWY		SWPPP			7/1/98	7/20/03	9/2/04	4/10/07
31	C	09180	SD	905	11.1R - 11.6R	CONST INTERCHANGE		SWPPP			4/28/00	12/27/04	9/19/05	10/25/07
32	C	01062	SD	52	16.2 - 17.7	CONST 4-LANE FWY		401			7/1/98	2/8/07	7/28/07	11/29/10
33	D	05910	SD	5	47.4R - 48.6R	REVISE INTERCHANGE	Pacific Ocean	SWPPP	42.00		12/31/89	7/22/97	12/9/97	1/31/02
34	D	06600	SD	94	6.2 - 08.8R	PLANTING, IRRIGATION AND PAVING	Chollas Creek	SWPPP 303d	25.00			9/17/97	3/15/98	10/14/99

SECTION FIVE

Regional Work Plans

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
35	D	02220	SD	5	31.8R - 34.8R	PLANTING AND IRRIGATION	Carmel Valley Creek/Los Penasquitos	SWPPP 303d	104.00			11/17/97	7/31/98	4/1/02
36	D	06461	SD	5	12.1R - 14.1R	FIBER OPTICS CLOSED CIRCUIT TV	Chollas Creek	SWPPP 303d	7.00			6/4/98	1/22/99	8/15/01
37	D	06980	SD	15	09.4R - 14.3M	RECLAIMED WATER CONVERSION	San Diego River	SWPPP	112.00		6/11/98	12/10/98	4/28/99	4/30/03
38	D	06570	SD	805	8.7 - 9.7	REPLCE PLANTNG AND IRRIGATION	Sweetwater River	SWPPP	53.00			12/1/98	6/4/99	9/30/04
39	D	05461	SD	75	13.5 - 17.5	PLANTING AND IRRIGATION	San Diego Bay	SWPPP 303d	123.60			7/11/98	6/24/99	7/1/04
40	D	23470	SD	15	4.8 - 4.9	HIGHWAY PLANTING AND IRRIGATION	Chollas Creek	SWPPP 303d	5.00		7/10/95	12/2/98	6/30/99	7/31/02
41	D	0479K	SD	5	8.6 - 9.4	CONSTRUCT BIKE PATH AND BARRIER	Sweetwater River	401	4.00		9/16/98	3/3/99	8/31/99	7/30/02
42	D	07020	SD	94	3.7 - 4.6	PLANTING AND IRRIGATION	Chollas Creek	SWPPP 303d	87.00		10/9/98	3/31/99	9/10/99	8/31/03
43	D	04807	SD	15	00.5R - 1.8	CLOSE RAMPS AND CONSTRUCT EXTENSION	San Diego Bay/Chollas Creek	SWPPP 303d	75.00			12/1/98	11/12/99	1/1/04
44	D	22440	SD	805	22.6 - 26.1	EROSION CONTROL	San Diego River	SWPPP	20.00		9/10/98	6/29/99	11/12/99	10/31/02

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Regional Work Plans

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
45	D	17283	SD	56	6.3 - 7.4	CONST 4-LANE FWY & INTERCHANGE		401					12/9/99	10/13/02
46	D	0486A	SD	15	04.0R - 05.8R	HIGHWAY PLANTING AND IRRIGATION	Chollas Creek	SWPPP 303d	28.00		10/23/98	12/28/99	7/11/00	7/31/04
47	D	14702	SD	78	12.7 - 13.5	REVISE INTERCHANGE	San Marcos Creek	SWPPP 303d	20.00		12/30/99	4/26/00	8/25/00	10/18/02
48	D	07800	SD	94	1.4 - 10.1T	PAVEMENT REHABILITATION	Chollas Creek	303d	2.72		4/4/99	3/1/00	9/15/00	11/30/01
49	D	02192	SD	75	20.5R - 22.0R	SEISMIC RETROFIT - TOLL BRIDGE	San Diego Bay	303d	4.50		8/12/99	4/21/00	10/23/00	1/4/02
50	D	17850	SD	78	35.5 - 37.3	PAVEMENT REHABILITATION	Hatfield Creek	401	0.85		6/4/98	5/18/00	11/8/00	4/1/02
51	D	06610	SD	805	9.7 - 13	PLANTING AND IRRIGATION	Chollas Creek	SWPPP 303d	20.00	10/14/97		4/5/00	11/21/00	9/13/02
52	D	01073	SD	125	19 - 21.3	CONSTRUCT NEW MULTILANE HIGHWAY	Alvarado Creek, San Diego River	SWPPP	70.00			12/31/99	12/8/00	1/1/05
53	D	07340	SD	15	20.1M - 21.2M	WIDEN AND UPGRADE EXISTING FREEWAY	Los Penasquitos Lagoon	SWPPP 303d	104.00		10/8/99	4/28/00	12/8/00	4/30/03
54	D	17640	SD	94	17.1 - 17.8R	UPGRADE SHOULDERS AND INTERSECTIONS	Sweetwater River	401	4.80		10/17/98	4/27/00	12/26/00	11/30/02
55	D	07100	SD	5	12.0R - 13.1R	REPLACE PLANTING AND IRRIGATION	Chollas Creek	SWPPP 303d	30.00	10/1/97	6/29/00	11/30/00	4/19/01	8/29/04
56	D	06910	SD	5	19.4R - 20.1R	REPLACE PLANTING AND IRRIGATION	San Diego River	SWPPP	10.00	12/17/99	1/27/00	11/6/00	4/24/01	2/28/02

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Regional Work Plans

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
57	D	0696U	SD	52	0.4 - 3	HIGHWAY PLANTING AND RESTORATION	San Clemente Canyon Creek	303d SWPPP	104.00	10/10/97	12/20/99	4/20/01	8/23/01	4/1/02
58	D	17432	SD	8	26.4R - 32.0R	WIDEN BRIDGES AND SEISMIC RETROFIT	Viejas Creek	401	2.00	2/21/99	9/22/99	1/24/01	8/23/01	1/15/03
59	D	0019U	SD	125	13.7 - 14.0L	CONSTRUCT FREEWAY AND INTERCHANGE	Sweetwater River	SWPPP	123.00		2/1/01	4/24/01	10/18/01	9/28/02
60	D	00192	SD	125	11.2 - 12.2	CONSTRUCT HIGHWAY & BRIDGES	Sweetwater River	SWPPP	6.10	10/30/98		5/25/01	11/7/01	6/29/04
61	D	23471	SD	15	5.4 - 5.6	PLANTING AND IRRIGATION	San Diego River	SWPPP	5.00	1/6/00	1/6/00	4/16/01	12/27/01	6/10/03
62	D	00193	SD	125	12.1 - 13.7	CONSTRUCT 6 LANE FREEWAY	Sweetwater River	SWPPP	11.30		6/30/00	11/26/01	5/5/02	9/1/07
63	D	23900	SD	15	27.3M - 33.6R	CONSTRUCT MEDIAN BARRIER	Escondido Creek and Lake Hodges	303d	4.90	11/18/99	11/18/99	1/27/02	12/17/02	5/28/04

* Criteria

SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)
 303d = 303 (d) listed
 401 = 401 Cert,
 SEP = Supplemental Environmental Project
 Retro = Storm Water Retrofit Project (SWMP 4.4.2)
 LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
 HR = High Risk Area Present
 RB = RWQCB designated projects posing a threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR Approved but Environmental Documents are not final
- (C) Environmental Documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SD	All Metropolitan		Drain Inlet Inspection and Cleaning as required			June 2002	October 1, 2002
Maintenance Facility and Activity Inspections							
All Maintenance Facilities within District 11 are scheduled for annual inspections by the District Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
Chula Vista and Kearny Mesa Maintenance Stations are being looked at for storm water improvements. The project is currently in the planning phase.							
Vegetation Management and Vegetated Slope Management							
<p>The District 11 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP Goal is to minimize the discharge of chemicals to receiving waters by reducing the chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> ▪ Types of chemical to be applied and form (dry or liquid) ▪ Application locations, lengths, widths, total area, rates, frequency, total amount ▪ Reason for application ▪ Mowing program <p>Districts will provide the VCP for FY02/03 to the RWQCB by May 15, 2002.</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over a course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>							
Training and Public Outreach							
Training will be done as outlined in the SWMP							

(1) Significant road maintenance activities include projects involving grade changes, additional hydraulic capacity, direct or likely discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d = 303 (d) listed
- 401 = 401 Cert,
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = High Risk Area Present
- RB = RWQCB designated projects posing a threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
San Diego 15 S	Acceleration/Deceleration Study
San Diego 805 S	Acceleration/Deceleration Study
San Diego 805 N	Acceleration/Deceleration Study
San Diego 8 W PM 14.3	Highway Runoff Characterization Study
San Diego 5 N San Onofre	Acceleration/Deceleration Study
San Diego 75 Coronado Bridge Toll Plaza	Toll Plaza and Weight station Characterization
San Diego 5 San Onofre Truck Inspection	Toll Plaza and Weight station Characterization
San Diego 15 S Via Rancho Parkway	Acceleration/Deceleration Study
San Diego 5 Lomas Santa Fe	Acceleration/Deceleration Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
Training and Public Outreach	
Training will be done as outlined in the SWMP	
Municipal Coordination	
Attend San Diego MS4 Co-Permittee Meetings, participate in Project Clean Water Workgroups.	

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

9

CALTRANS DISTRICT

12

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

**STORM WATER
MANAGEMENT PROGRAM
REGIONAL WORK PLAN
FOR FISCAL YEAR 2002/2003**

REGION 9

**SAN DIEGO REGIONAL
WATER QUALITY CONTROL BOARD**

CTSW-RT-01-075



California Department of Transportation

District 12

3337 Michelson Drive, Suite 380

Irvine, CA 92612-8894

April 1, 2002

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
San Diego Region 9
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 12

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



For

Cindy Quon
District Director

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on District 12 facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DISTRICT 12 PERSONNEL AND RESPONSIBILITIES

Portions of District 12 fall within the jurisdiction of the San Diego Regional Water Quality Control Board, Region 9 (coverage area). Organization chart for District 12 is included in Figure 2-1. Staff responsible for implementing the SWMP within the San Diego RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DISTRICT 12 STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Grace Piña-Garrett	District 12, NPDES Storm Water Coordinator	(949) 724-2189	Grace_pina-garrett@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the District.
Hector Salas	Environmental Specialist (NPDES Unit)	(949) 724-2625	Hector_Salas@dot.ca.gov	Under the Direction of the District Storm Water Coordinator, the Environmental Specialist ensures permit compliance from all functional units. Contacts and submits all information to RWQCB (NOC, NCC, Non-compliance)
Behrooz Pirzadeh	Construction Storm Water Coordinator	(949) 724-2188	Behrooz_pirzadeh@dot.ca.gov	Review and Approve SWPPP/ WPCP Documents. Liaison between field Construction and NPDES Unit
Carol Lonebear	Maintenance Storm Water Coordinator	(949) 440-4466	Carol_Lonebear@dot.ca.gov	Liaison between Maintenance field crews and Storm Water Unit. Inspects Maintenance facilities and provides training to Maintenance field personnel.
Leslie Manderscheid	Environmental Planning Storm Water Coordinator	(949) 724-2122	Leslie_Manderscheid@dot.ca.gov	Environmental Liaison to the NPDES Unit. Reviews projects in the planning and environmental document
Daniel Hing	Right of Way Representative	(949) 724-2145	Daniel_Hing@dot.ca.gov	Conducts Airspace Lease Inspections for Water Quality

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
Design Branch Chiefs	Notification of Construction (NOC)
Resident Engineers	Notice of Completion of Construction (NCC), SWPPP Approval
Chief, NPDES Unit	Transmittals to RWQCB <ul style="list-style-type: none"> Discharge or Threat of Discharge Notification Notice of Non-Compliance Notifications
Maintenance SWC	Facility Pollution Prevention Plan (FPPP)

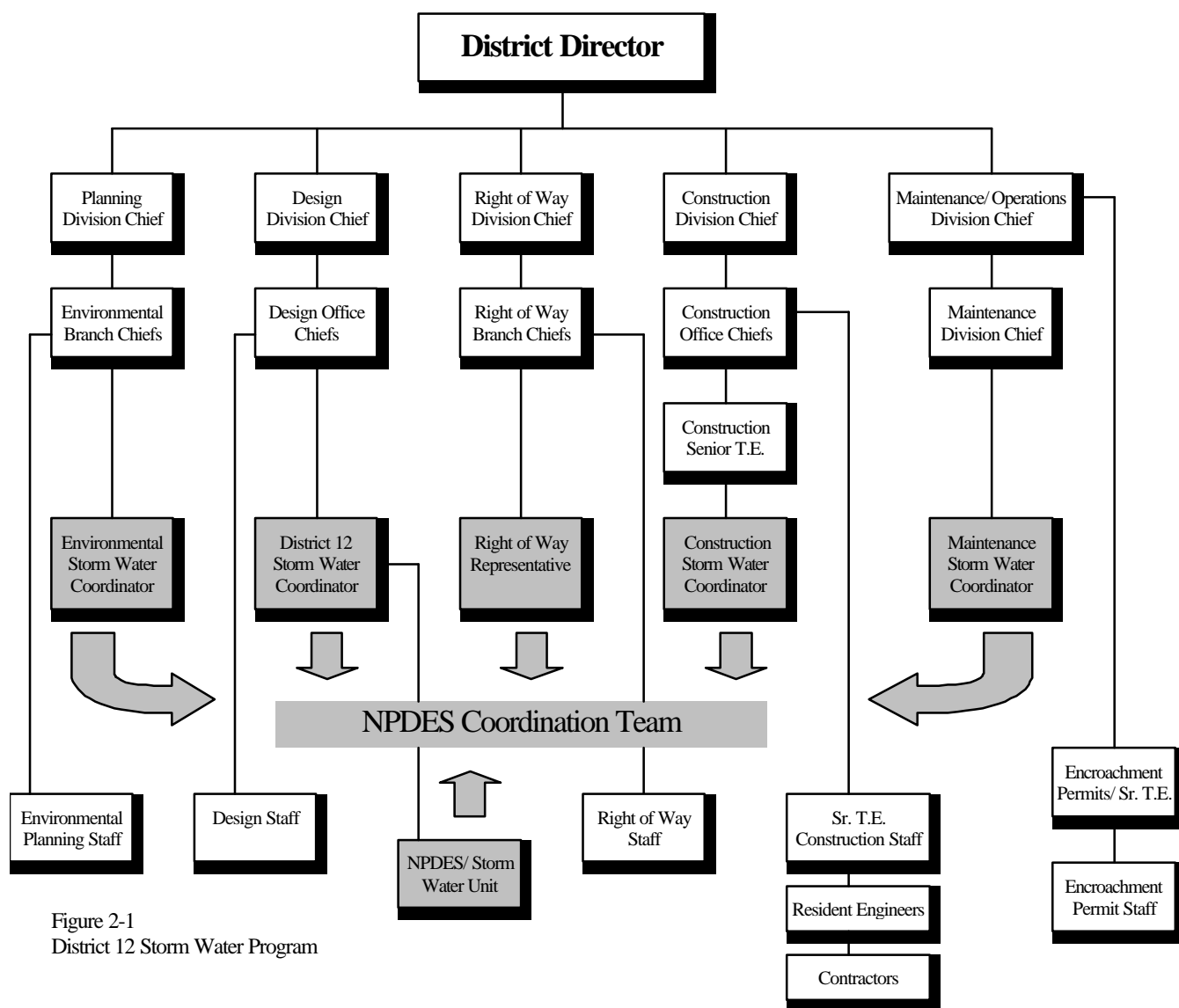


Figure 2-1
District 12 Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department facilities and water bodies within each District and Regional Board jurisdiction. A list of District 12 facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 12 boundaries within the San Diego RWQCB, and major roads and highways are presented in Figure 3-1

TABLE 3-1: DISTRICT 12 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Orange	5	8.8	San Juan Capistrano	Highway Maintenance
Orange	5	13.7	Forbes	Landscape Maintenance
Orange	5	8.8	San Juan Capistrano	Landscape Maintenance
Commercial Vehicle Enforcement Facilities				
NONE				
Park and Ride Facilities				
Orange	5	10.9	Junipero Serra	SE Corner of Junipero Serra & I-5 in San Juan Capistrano
Toll Road and Bridge Plazas				
Orange	73	18.7	Catalina	Toll Plaza

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

District 12
State of California
Department of Transportation
Orange County



LEGEND



Water Bodies in the San Diego Region

North Orange County
(Region 8- Santa Ana Region)

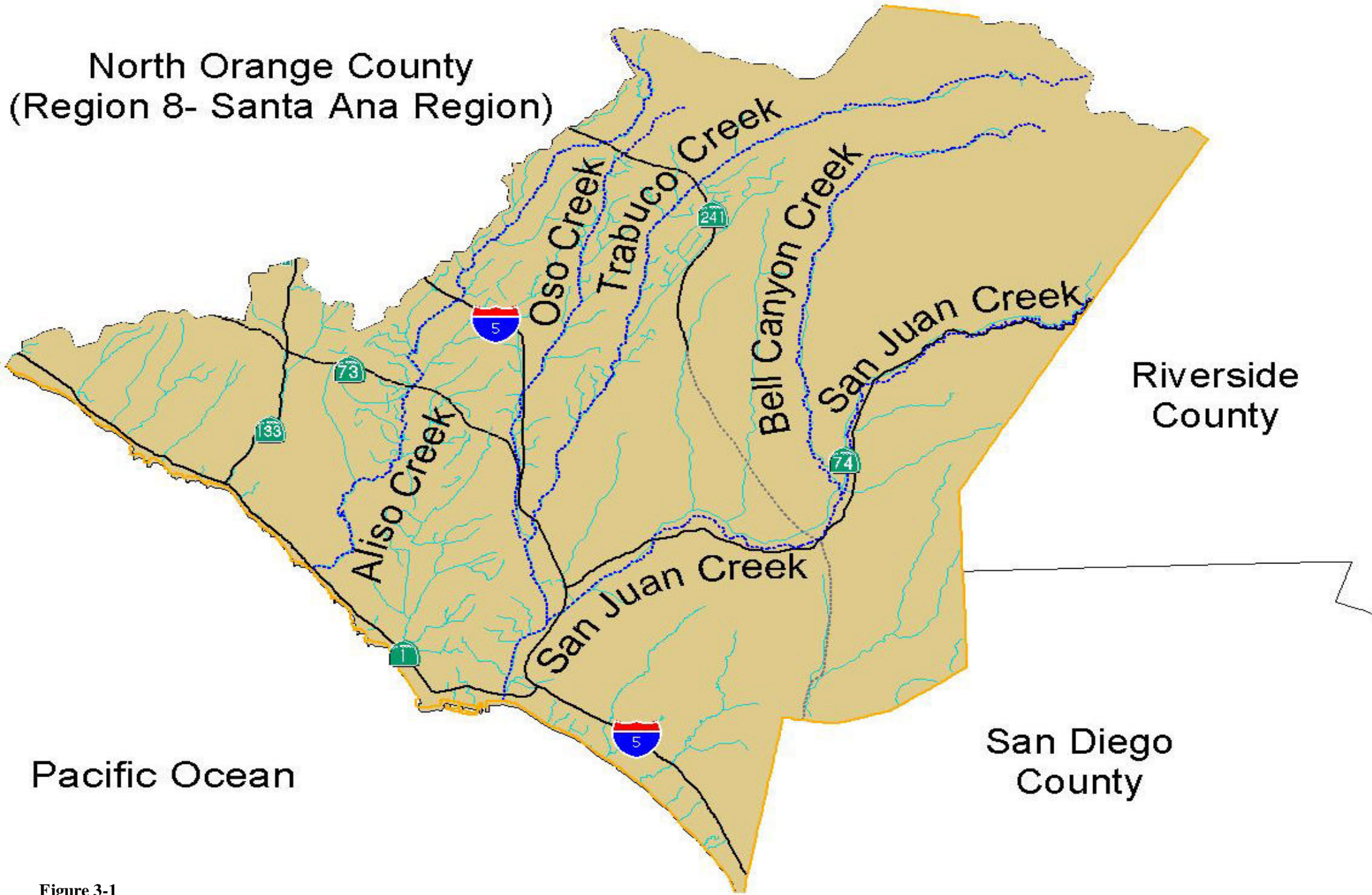


Figure 3-1

4.0 HIGH RISK AREAS

A list of high risk areas within District 12 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from District 12 owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Caltrans. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, District 12 first contacted known public and private water supply providers. From the information received, District 12 determined which facilities were susceptible to a direct spill from the Department activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	D	0E110	ORA	000	10.2	TO CONSTRUCT FIBER OPTIC & HUB STATION				12/10/99**	6/1/00	6/1/01	12/1/01	12/1/02
2	C	0008E	ORA	073	05.4	WIDEN FREEWAY AND HOV LANES	ALISO CREEK	SWPPP		11/20/89	12/1/96	3/1/01	11/1/01	3/1/03
3	C	09790	ORA	005	00.0	UPGRADE APPROACH RAIL-BRIDGE RAIL	SAN MATEO CREEK	SWPPP		11/4/99	2/1/01		1/1/03	1/1/04
4	C	0A390	ORA	005	7.4	REALIGN CAMINO CAPIST/STONEHILL	SAN JUAN CREEK	WPCP?? / 303(d)		1/5/00	1/1/01		1/1/03	1/1/04
5	C	0E030	ORA	005	06.8	DOWEL RETROFIT TRUCK LANES BOTH DIR	SAN JUAN CREEK	?? / 303(d)		12/1/99	1/1/01		1/1/04	6/1/05
6	C	0E020	ORA	005	14.5	DOWEL RETROFIT TRUCK LANES BOTH DIR	OSO CREEK			8/1/01	8/1/01		2/1/04	5/1/05
7	C	0C860	ORA	005	04.4	HWY PLANTING RESTORATION	PACIFIC OCEAN	SWPPP		10/1/01	12/1/01		7/1/05	12/1/05
8	C	0C880	ORA	005	01.6	HIGHWAY PLANTING RESTORATION	PACIFIC OCEAN	SWPPP		10/1/01	12/1/01		7/1/05	12/1/05
9	C	0E930	ORA	005	13.7	HIGHWAY PLANTING RESTORATION	OSO CREEK	SWPPP		10/1/00	3/1/01		10/1/05	4/1/06
10	C	0A980	ORA	073	9.6	LANDSCAPING ENHANCEMENT	LOS TRANCOS CREEK	SWPPP		1/1/01	7/1/01		1/1/06	2/1/07
11	C	0E170	ORA	005	01.2	TO IDENTIFY & SCREEN CONGESTION	SAN MATEO CREEK			12/1/99	1/1/00			
12	B	10287	ORA	005	03.7	CONST INTERCHANGE	PACIFIC OCEAN	SWPPP		10/31/89	8/1/97	12/20/99	6/1/01	12/1/02
13	B	0A910	ORA	241	19	ADDITION OF UP TO TWO LANES IN EACH	TRABUCO CREEK	SWPPP		4/1/00	7/1/00		8/1/02	3/1/03
14	B	09740	ORA	133	00.0	DRAINAGE IMPROVEMENTS	PACIFIC OCEAN	SWPPP		1/13/00	10/1/00		9/1/02	9/1/03
15	B	0A920	ORA	241	18.5	ADDITION OF UP TO TWO LANES IN EACH	TRABUCO CREEK	SWPPP		4/1/00	7/1/00		10/1/02	7/1/03
16	B	0C550	ORA	133	0	PAVEMENT REHABILITATION	PACIFIC OCEAN	SWPPP		6/1/01	6/1/01		1/1/03	12/1/03
17	B	1072U	ORA	133	04.1	WIDEN AND REALIGN RDWY	BOMMER CANYON CREEK	SWPPP		12/22/93	7/1/01		1/1/03	1/1/05
18	B	0A900	ORA	241	24.7	ADDITION OF UP TO TWO LANES IN EACH	ALISO CREEK	SWPPP		12/1/99	7/1/00		1/1/03	5/1/06

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	B	0C050	ORA	133	4.1	INSTALL SOFT BARRIER	BOMMER CANYON CREEK	SWPPP		7/1/01	1/1/02		3/1/03	12/1/03
20	B	0C380	ORA	001	12.1	CRYSTAL COVE STORM WATER QUALITY	PACIFIC OCEAN	SWPPP		3/1/01	6/1/01		3/1/03	10/1/03
21	B	0A220	ORA	005	12	SUPERELEVATION MODIFICATION	OSO CREEK	SWPPP		5/8/01	1/1/02		3/1/03	11/1/03
22	B	0C370	ORA	001	3.3	PCH WIDENING/ADDITION OF CLASS 1	PACIFIC OCEAN			1/2/01	12/1/01		4/1/03	10/1/03
23	B	0E700	ORA	001	01.0	WIDENING OF THE BRIDGE SIDEWALK AT	SAN JUAN CREEK	SWPPP/ 303(d)		8/1/01	3/1/02		4/1/03	3/1/04
24	B	0C690	ORA	001	02.4	CONSTRUCT RAISED-LANDSCAPED MEDIAN	PACIFIC OCEAN	SWPPP		2/1/02	8/1/02		5/1/03	4/1/04
25	B	0A400	ORA	005	7.4	CONSTRUCTION OF OUTER SEPARATION	SAN JUAN CREEK	SWPPP/ 303(d)		8/18/00	7/1/01		5/1/03	5/1/04
26	B	0A040	ORA	133	3.4	ROADWAY WIDENING	BOMMER CANYON CREEK	SWPPP		12/22/99	7/1/02		7/1/03	6/1/05
27	B	0C670	ORA	005	1.7	REHAB AC PAVEMENT IN BOTH DIRECTION	SAN MATEO CREEK	SWPPP		10/1/01	10/1/01		8/1/03	7/1/04
28	B	0A260	ORA	005	8.9	SCOUR MITIGATION	SAN JUAN CREEK	SWPPP? ?		5/1/00	5/1/01		9/1/03	9/1/04
29	B	0C070	ORA	001	0.3	UPGRADE BRIDGE RAIL & INSTALL	SAN JUAN CREEK	SWPPP/ 303(d)		4/1/01	12/1/01		11/1/03	5/1/04
30	B	0E070	ORA	005	15.1	WIDEN NB OSO PKWY LOOP ON RAMP SB	OSO CREEK	SWPPP		9/1/01	10/1/02		2/1/05	4/1/07
31	B	0E570	ORA	005	08.4	RECONSTRUCT DFF RAMP ADD 2 LEFT	SAN JUAN CREEK	SWPPP/ WPCP ?? / 303(d)		8/1/01	8/1/03		2/1/05	3/1/06
32	B	04320	ORA	074	13.3	WIDEN RDWY	SAN JUAN CREEK	SWPPP/ 303(d)		12/5/97	1/1/03		6/1/05	10/1/06
33	B	08430	ORA	005	03.4	UPGRADE PLANTING & IRRIGATION	PACIFIC OCEAN	SWPPP		11/6/97	4/1/04		9/1/05	9/1/09
34	B	08450	ORA	005	00.1	UPGR PLTG & IRR ADD SAFETY FEATURES	PACIFIC OCEAN	SWPPP		10/6/97	4/1/04		9/1/05	9/1/09
35	B	0A940	ORA	073	9.6	ADDITION OF UP TO TWO LANES IN EACH	LOS TRANCOS CREEK	SWPPP		12/1/03	7/1/04		12/1/05	12/1/12

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	09800	ORA	005	18.1	RELOCATE S/B I-5 ON & OFF RAMPS	ALISO CREEK	SWPPP		8/1/01	5/1/03		1/1/06	7/1/06
37	B	0A070	ORA	005	16.5	RECONSTRUCT UNDERCROSSING AT LA PAZ	ALISO CREEK	SWPPP		9/1/01	7/1/04		2/1/06	2/1/08
38	B	0E620	ORA	005	16.8	EXTEND 1 AUXILIARY LANE FROM ALICIA	ALISO CREEK	SWPPP		7/1/01	7/1/04		2/1/06	2/1/07
39	B	0E310	ORA	074	00.0	RECONSTRUCT IC AT SR-74	SAN JUAN CREEK	SWPPP/303(d)		6/1/01	12/1/03		3/1/06	5/1/09
40	B	08690	ORA	074	01.3	WIDEN EXIST 2 LANE RDWY TO 4 LANES	SAN JUAN CREEK	SWPPP/303(d)		12/15/97	10/1/02		10/1/06	1/1/08
41	B	0A950	ORA	073	11.5	CALTRANS MAINTENANCE FACILITY	BUCK GULLY	SWPPP		4/1/00	7/1/00		12/1/09	4/1/10
42	B	08820	ORA	074	00.0	AERIAL SURVEY AND REALIGN HIGHWAY	SAN JUAN CREEK	SWPPP/303(d)		6/1/99				
43	A	0C520	ORA	241	18.1	CONSTRUCT BRIDGE	TRABUCO CREEK	SWPPP		5/1/01	6/1/01		9/1/02	10/1/02
44	A	0C820	ORA	241	05.5	ENCROACHMENT PERMIT TO REGRADE SLOPE	OSO CREEK	SWPPP		4/1/02	4/1/02		8/1/03	2/1/04
45	A	0A890	ORA	241	24.7	ADDITION OF TWO LANES IN EACH DIREC	ALISO CREEK	SWPPP		2/1/03	7/1/03		5/1/04	12/1/08
46	A	09520	ORA	005	14.6	REPAIR OSO CHANL.(PAR KJK CT12 011)	OSO CREEK	SWPPP						

*** Criteria**

SWPPP = Greater than 5 acres of land disturbance
 303d = 303 (d) listed water body within project limits and affected by project
 401 = 401 Certification/Waiver required
 SEP = Supplemental Environmental Project
 Retro = Storm Water Retrofit Project (SWMP 4.4.2)
 HR = Project limits within High Risk Area
 RB = RWQCB designated project as a potential threat to water quality

**** SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,**

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Note: Actual dates are provided in Italics

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
NONE							
Maintenance Facility and Activity Inspections							
District 12 Maintenance facilities are inspected weekly by the Maintenance facility supervisor. Per the requirements of the SWMP, the District 12 Maintenance Storm Water Coordinator will review at least 20% of District 12's facilities each year (Section 5.6).							
Maintenance Facility BMP Improvements							
NONE							
Maintenance BMP Actions/Modifications							
NONE							
Vegetation Management and Vegetated Slope Management							
<p>Vegetation Control Plan- The District 12 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>District 12 will provide the VCP for FY 02/03 to the San Diego RWQCB by May 15, 2002.</p>							
<p>Vegetated Slope Evaluation- The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>							
			Route/PM	County	Inspection Schedule	Remediation Action Planned	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
Site Specific Monitoring and Reporting for the Compost Storm Water Filters on SR-73 will be conducted in accordance with the San Diego RWQCB Cease and Desist Order No. 2001-198. District 12 has submitted a Water Quality Monitoring Plan on October 31, 2001, which identifies the 3 sites selected for water quality monitoring. In accordance with the CDO, monitoring at the selected sites will continue until the CDO is rescinded.
Construction Compliance Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
The District Construction Storm Water Coordinator prior to start of construction will review the Storm Water Pollution Prevention Plans (SWPPPs) for Caltrans Construction projects.
Notification of Construction (NOC) forms will be completed and submitted to the Santa Ana RWQCB 30 days prior to the start of construction.
Notice of Completion of Construction (NCC) forms will be submitted when a construction project is complete. NCC forms will be submitted when the soil stabilization of the project meets the requirements of the General Construction Permit.
Training and Public Outreach
Caltrans District 12 will be involved in the Annual Children's Water Education Festival hosted by the Orange County Water District and Disneyland. Members of the District 12 Storm Water Program address the various issues in storm water pollution prevention to over 5,000 elementary school children.
The Division of Planning and Design currently reference the Project Planning and Design Guide (PPDG) (May 2000) to include water quality measures in the project planning and design process. A revision of the PPDG is currently being drafted. When presented with a final revision of the PPDG, Caltrans will provide training for its employees in the revisions of the PPDG.
Maintenance staff guidance materials provide direction, guidance, policies and procedures for all maintenance activities. The guidance materials used regularly in tailgate training of Maintenance staff as they begin an activity. First Responder Awareness training is consistently provided for all maintenance and shop personnel. This training emphasizes the 3-D approach- divert, dike, and dam- so that spills seldom approach highway drainage courses. Emergency response contractors are on call for cleanup around the clock according to the districts hazardous material spill contingency plan
Municipal Coordination
The County of Orange, the Orange County Flood Control, and 24 of the 33 Orange County cities are co-permittees on a municipal NPDES Permit with the San Diego RWQCB. Newly incorporated cities will be added as Orange County co-permittees. The County of Orange and its co-permittees host Technical Advisory Committee (TAC) meetings as well as co-permittee meetings. The District 12 Storm Water Coordinator and the Storm Water Program Manager will attend Orange County TAC meetings and maintain a continuous exchange of information.

